



M or P	Triangular Key Size	
	a	b
Less than 12"	3"	1 1/2"
12" to 18"	4"	2"
18" or over	6"	3"

- Notes:
1. Reinforcing steel not to pass through joint.
 2. All keys are nominal size.
 3. Expansion joint to extend from top of footing to top of wall.
 4. This joint detail to be used for all walls greater than 15' in length.

APPROVAL	
<i>L.S. Friedman</i>	DIRECTOR
OFFICE OF BRIDGE DEVELOPMENT	
DATE: 2/23/77	
REVISIONS	
SHA	FHWA
11-17-97	.
3-22-06	.
1-22-01	.
10-9-07	.

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF BRIDGE DEVELOPMENT	
BOX CULVERT WING WALL EXPANSION JOINT	
STANDARD NO. BC(6.06)-76-37	SHEET 1 OF 1

FHWA APPROVAL
DATE: 2-25-77

BOX CULVERT